

SPECIFICATION SHEET

Product Name: Pru p 1
Catalog # PP01-A921H

Product Description: Recombinant *Prunus persica* allergen Pru p 1 was expressed in *E. coli* and purified by affinity chromatography using a His tag.

Storage and Stability: Store at -20°C. To avoid repeated handling and multiple freeze/thaw cycles aliquot diluted product into smaller quantities.

Alternate Names

: Pathogenesis related protein PR10, PR10

Source

 : *Prunus persica* (peach) (*Amygdalus persica*)

Accession Numbers

 : Genbank: [DQ251187](#)

 UniProt: [Q2I6V8](#)
Host

 : *E. coli*
Formulation

: Protein stored in 1X PBS, 5% trehalose solution

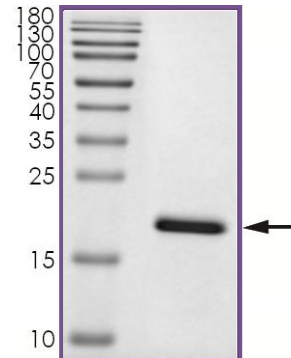
Molecular weight

: Calculated: 17.6 kDa

Observed: ~17 kDa

Purity

: The purity was determined to be ≥ 90% by densitometry

Gel Image

References

1. Verde I, et al: The high-quality draft genome of peach (*Prunus persica*) identifies unique patterns of genetic diversity, domestication and genome evolution. *Nat Genet.* May;45(5):487-94, 2013.
2. Eidelpes R, et al: Structure and Zeatin Binding of the Peach Allergen Pru p 1. *J Agric Food Chem.* Jul 28;69(29):8120-8129, 2021.